

### ABSTRACT

A studded wall in, or replacement panel for, a boiler or furnace has a plurality of substantially parallel tubes, each pair of adjacent tubes being connected. Separate regions of studs are attached to the wall. In each region every pair of adjacent studs is a selected distance apart, typically from one-eighth to one-half inch. The regions are configured and positioned to define a line between the regions. That line has a width different from the selected distance between the studs in the regions adjacent the line. Corrosion testing is done at selected points on the lines. The lines enable each successive test to be performed at the same locations.